

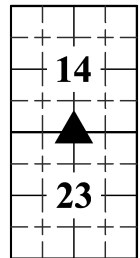
GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: 6N5W_N19

Quarter Corner

Sections 14 & 23 - T06N – R05W, 2nd P.M.

Taylor Township, Greene County, Indiana



PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

1/2" rebar found 2" above grade in north/south woven wire fence remains.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location.

The corner is in a level and overgrown woods. Some east/west fence remains were observed in the vicinity.

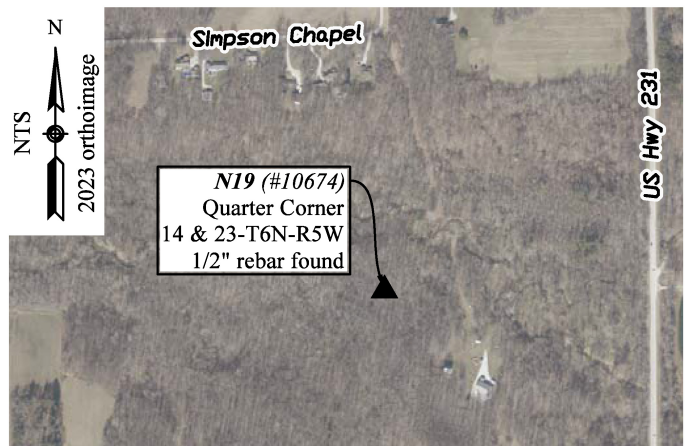
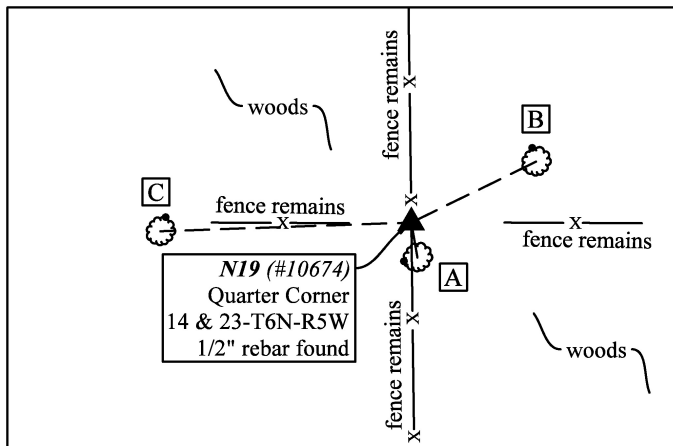
GEODETTIC COORDINATES: (OSM #10674)

Northing	Easting	Datum	Datum Details
299230.76	835292.67	InGCS Greene Zone	US Survey Feet, NAD 83 (2011) epoch 2010.00,
1347251.38	2995900.07	NAD83(2011) IN West Zone	NAVD 88, geoid18_conus.db3

WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 10° E	3.6'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 12" above grade on the west side of a 10" dbh elm with a Greene County Survey Marker sign nailed to the north side 5.3 feet above grade
B	N 64° E	14.1'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 18" above grade on the north side of a 9" dbh maple
C	S 88° W	25.5'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 15" above grade on the northeast side of a 30" dbh multi-stem maple
D	N 0°44'21" W	573.87'	1/2" rebar found flush (not depicted on below sketch)

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image.



CORNER REPORT

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Greene County Surveyor F.B. Cressy set a stone at this corner in 1851, as did H. Schloot in 1923. No trace was found of the stone or its accessory. In 1988, Elliott Sturgeon depicted a north/south fence at this corner but did not refer to a monument. The origin of the 1/2" rebar is unknown, it first appeared in the survey record in 1990 when it was accepted by Marston Fowler. Steven Campbell found the rebar in 2010 but did not specifically call it out as the quarter corner. The rebar is 13.8 feet north and 15.2 feet east of the midpoint between the section corners to the east and west. Due to the longstanding possession lines and the acceptance of the rebar dating back to 1990, we accepted it as the corner by common report with up to 15.2 feet of associated uncertainty.

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EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1811 By: Arthur Henrie

Where filed or recorded: F_EV05P466

Original monument: Wooden Post

Bearing Trees	Bearing	Distance
7" hickory	S 83 W	29 lks = 19.14 ft
9" elm	N 51 E	10 lks = 6.6 ft

No original reference monuments were recovered.

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 04/09/1923 By: Schloot, H

Where filed or recorded: GCSO LSB5, pg 99

Monument: Set stone

Bearing Trees	Bearing	Distance
10" elm	S 88 W	25 lks = 16.5'

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
03/12/1851	Cressy, F.B.	Legal Survey in Sec. 14 (<i>set a stone, no witnesses</i>)	LSB1, pg 233
03/27/1988	Sturgeon, Elliott	Section Breakdown showing Sec.10, Sec. 14, and Sec.15 (<i>plat depicts a distance from the southwest corner of Section 14 to a north/south fence line, but no monument</i>)	
12/09/1990	Fowler Jr., Marston	6 Tracts in the SE/4 of the SW/4 of Sec.14 (<i>an iron marking the corner</i>)	1994-6120
01/06/2010	Campbell, Steven	Wetlands Reserve survey for Powers in Sec. 14 (<i>rebar found, but not called out as the quarter corner</i>)	2010-2256

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the stone set in 1923, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 43.4 feet due to measured distance vs. the 1923 legal survey distance to N21.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED:



Photo Orientation & Description: Rebar at N19



Photo Orientation & Description: Looking south at N19

FIELD PERSONNEL:

Field Date: 05/23/2023 By: Rachel Oser and Phillip Oser Project: Oser Surveying & Mapping LLC Job# 10248
Corner Perpetuation Survey for Taylor Township Sections 2, 11, 14 & 23, Township 6 North, Range 5 West

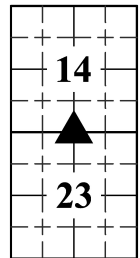
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BASIS OF GEODETIC COORDINATES: The basis of bearings is the Indiana Geospatial Coordinate System's (InGCS) "Greene" zone NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18_conus.db3, reported in US Survey Feet and decimal parts thereof. The zone was developed to minimize the differences between ground measured horizontal distances and the corresponding grid coordinate (map) distances within the county. Coordinates are also reported in Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18_conus.db3, US Survey Feet.

Coordinates were established using the Javad GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Positional values of other points listed herein were determined either from static GNSS (Javad Triumph LS Rover), RTK GNSS (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by RTK GNSS. Most distances to witness ties are ground and were measured with a 100' steel tape from the monument to the mag nail. When it was not practical to set a mag nail or hack a tree, bearings and distances were measured to the center of the BT. Distances approaching or in excess of 100 feet were measured by locating the reference object with RTK. Bearings are grid and were measured with the internal compass of the Javad Triumph LS rover from the monument to the center of the BT. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

CERTIFICATION:

Rachel Oser

Indiana Professional Surveyor 21100022

Oser Surveying & Mapping LLC

4632 E Rocky Road, Bloomfield, IN 47424

(812) 320-2694 • Rachel@OserSurveying.com

Date: 10/31/2023



This document is not complete without the associated plat and report of even date.